

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"US 20080018457"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/03/06 13:30
S2	4	"20030227706" "5963617".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:27
S3	146	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM motor) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (vehicle car automobile) with (stationary still ("not" near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4-still park\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:40
S4	148	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM motor) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (vehicle car automobile) with (stationary still (("not" "no") near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4- still park\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:41

S5	0	S4 and "360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:44
S6	17	S4 and "340".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:44
S7	11	S4 and "701".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:45
S8	934	701/93.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:49
S9	1771	701/208.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:49
S10	0	"360".clas. and ((spindle SPM motor) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (vehicle car automobile) with (stationary still (("not" "no") near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4- still park\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:50
S11	0	"360".clas. and ((spindle SPM) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (vehicle car automobile) with (stationary still (("not" "no") near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4- still park\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:50

S12	0	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (vehicle car automobile) with (stationary still ("not" "no") near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4-still park\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:50
S13	0	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same ((vehicle car automobile) with (stationary still ("not" "no") near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4-still park\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:32
S14	190	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (stationary still	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:32

		((("not" "no") near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4- still park\$4))				
S15	0	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (vehicle car automobile) with (stationary still (("not" "no") near2 (mov\$4 driv\$4)) standstill (stand\$4 near2 still) stand\$4- still park\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:34
S16	48	S14 and (vehicle car automobile transportation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:35
S17	0	S14 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:38
S18	0	S14 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:38
S20	1092	340/539.13.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:39
S21	0	S14 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:39
S22	43	S14 and "360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:39

S23	4	S16 and "360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:39
S24	27	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4)) same (vehicle car automobile))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:40
S25	291	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM) same ((second\$4 first faster slower different other) near3 (speed velocity RPM rotation revolution revolv\$4))) and (vehicle car automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:41
S26	32	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM disk platter disc medium) with (speed velocity RPM rotation revolution revolv\$4)) and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:48

S27	103	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM disk platter disc medium) with (speed velocity RPM rotation revolution revolv\$4)) and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:48
S28	13	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM disk platter disc medium) with (speed velocity RPM rotation revolution revolv\$4)) and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:48
S29	48	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM disk platter disc) with (speed velocity RPM rotation revolution revolv\$4)) and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 15:55
S30	11085	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4)) with (motion stationary still ("not" "no") near2 mov \$4) standstill (stand \$4 near2 still) stand \$4-still travel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:03

		movement))				
S31	21	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((spindle SPM disk platter disc) near4(speed velocity RPM rotation revolution revolv\$4)) and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:04
S32	6	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((control\$4 chang\$4 increas\$4 decreas\$4 reduc\$4 manag \$4) near4 (spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4)) with ((vehicle car automobile) near5 (motion stationary still ("not" "no") near2 mov\$4) standstill (stand\$4 near2 still) stand\$4- still travel movement)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:09
S33	15	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((control\$4 chang\$4 increas\$4 decreas\$4 reduc\$4 manag \$4) near4 (spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4)) same ((vehicle car automobile) near5 (motion stationary still ("not" "no") near2 mov\$4) standstill (stand\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:10

		near2 still) stand\$4- still travel movement)))				
S34	369	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((control\$4 chang\$4 increas\$4 decreas\$4 reduc\$4 manag \$4) near4 (spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4)) and ((vehicle car automobile) near5 (motion stationary still ("not" "no") near2 mov\$4) standstill (stand\$4 near2 still) stand\$4- still travel movement)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:10
S35	21700	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and ((control\$4 chang\$4 increas\$4 decreas\$4 reduc\$4 manag \$4) near4 (spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:14
S36	4	S35 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:27
S37	3	S35 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:28
S38	48	S34 and (GPS navigation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:39

S39	42	S38 not (S26 S28 S33 S21 S32 S36 S37 S32)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:40
S40	418	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and (((control\$4 chang\$4 increas\$4 decreas\$4 reduc\$4 manag \$4) near4 (spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4)) and ((vehicle car automobile) near5 (motion stop stopped stationary still ("not" "no") near2 mov \$4) standstill (stand \$4 near2 still) stand \$4-still travel movement)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:42
S41	23	((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive \$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive \$1)) and (((control\$4 chang\$4 increas\$4 decreas\$4 reduc\$4 manag \$4) near4 (spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4)) same ((vehicle car automobile) near5 (motion stop stopped stationary still ("not" "no") near2 mov \$4) standstill (stand \$4 near2 still) stand \$4-still travel movement)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:44
S42	8	S41 not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:45

S43	3	"20020191517"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:53
S44	2	"5877605".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:55
S45	2	"US 20050265145"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/03/06 16:56
S46	2	"6167010".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:10
S47	25	(US-20010029520-\$ or US-20010030693-\$ or US- 20030236906-\$ or US- 20060007042-\$ or US- 20060059223-\$).did. or (US-5852788-\$ or US- 5602638-\$ or US- 5485065-\$ or US- 5600553-\$ or US- 7292258-\$ or US- 3564209-\$ or US- 3569938-\$ or US- 3569948-\$ or US- 3571686-\$ or US- 3571806-\$ or US- 3576559-\$ or US- 3585627-\$ or US- 3587059-\$ or US- 3592031-\$ or US- 3594634-\$ or US- 3594729-\$ or US- 3595492-\$ or US- 3603775-\$ or US- 3614343-\$ or US- 3614757-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/06 17:26
S48	5144	360/71.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:39
S49	1247	360/73.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:39
S50	652	360/73.03.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:39

S51	722	((control\$4 chang\$4 increas\$4 decreas\$4 reduc\$4 manag\$4) near4 (spindle SPM disk platter disc) near4 (speed velocity RPM rotation revolution revolv\$4)) and ((vehicle car automobile) near5 (motion stop stopped stationary still (("not" "no") near2 mov \$4) standstill (stand \$4 near2 still) stand \$4-still travel movement)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:39
S52	2	("6539167"   "6549723").PN. OR ("7254096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 18:01

3/7/08 9:47:33 AM

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